

=> d his

(FILE 'HOME' ENTERED AT 16:46:44 ON 14 JUN 2004)

FILE 'EUROPATFULL, FRFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL,
USPAT2' ENTERED AT 16:54:30 ON 14 JUN 2004

E BANERJEE P/IN

L1 19 S E7-E8

L2 0 S L1 AND FERMOTEROL

L3 8 S L1 AND FORMOTEROL

FILE 'REGISTRY' ENTERED AT 17:04:03 ON 14 JUN 2004

E FORMOTEROL/CN

L4 1 S E3

FILE 'CAPLUS' ENTERED AT 17:04:42 ON 14 JUN 2004

641 S L4 OR FORMOTEROL OR EFORMOTEROL OR OXIS

L6 92 S L5(L) (BECLOMTHASONE OR DIPROPIONATE OR FLUNISOLIDE OR TRIAMC

L7 16 S L6 NOT PY>=2001

FILE 'EUROPATFULL, FRFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL,
USPAT2' ENTERED AT 17:24:38 ON 14 JUN 2004

L8 25467 S BECLOMTHASONE OR DIPROPIONATE OR FLUNISOLIDE OR TRIAMCINOLONE

L9 2054 S FORMOTEROL OR EFORMOTEROL OR OXIS

L10 1436 S L8(L)L9

L11 1082 S L8(S)L9

L12 195 S L11 NOT PY>=2000

FILE 'USPATFULL' ENTERED AT 17:28:00 ON 14 JUN 2004

L13 56 S L12

L14 55 S L13 AND (SOLUTION# OR LIQUID OR FLUID OR SOLVENT OR BUFFER)

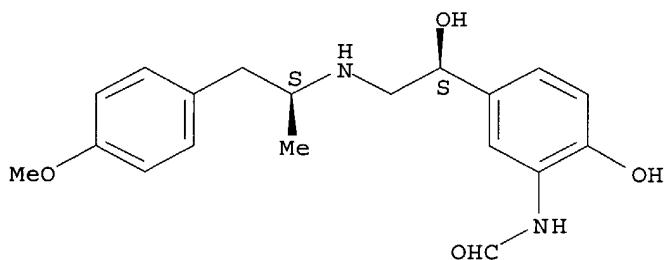
=> S e3

L4 1 FORMOTEROL/CN

=> d rn str cn

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 73573-87-2 REGISTRY

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Formamide, N-[2-hydroxy-5-[(1R)-1-hydroxy-2-[(1R)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl-, rel- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Formamide, N-[2-hydroxy-5-[1-hydroxy-2-[(2-(4-methoxyphenyl)-1-methylethyl)amino]ethyl]phenyl]-, (R*,R*)-(±)-

OTHER NAMES:

CN (±)Formoterol

CN Eformoterol

CN Formamide, N-[2-hydroxy-5-[1-hydroxy-2-[(2-(4-methoxyphenyl)-1-methylethyl)amino]ethyl]phenyl]-, (R*,R*)-

CN Formoterol

CN Oxis

=> d ibib 2,5,6,21,31

L14 ANSWER 2 OF 55 USPATFULL on STN
ACCESSION NUMBER: 1999:166578 USPATFULL
TITLE: Pharmaceutical solution aerosol formulations containing fluoroalkanes, **budesonide** and **formoterol**
INVENTOR(S): Blondino, Frank E., Plantation, FL, United States
Brucato, Michael, Miami Shores, FL, United States
Buenafe, Maria W., Miami Beach, FL, United States
Cavanaugh, Kelly A., Homestead, FL, United States
PATENT ASSIGNEE(S): Baker Norton Pharmaceuticals, Inc., Miami, FL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6004537		19991221
APPLICATION INFO.:	US 1998-215280		19981218 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bawa, Raj		
LEGAL REPRESENTATIVE:	Melcher, Jeffrey S.Farkas & Manelli, PLLC		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
LINE COUNT:	457		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 5 OF 55 USPATFULL on STN
ACCESSION NUMBER: 1999:132803 USPATFULL
TITLE: Combination of a bronchodilator and a steroidial anti-inflammatory drug for the treatment of respiratory disorders, as well as its use and the preparation thereof
INVENTOR(S): Carling, Christer Carl Gustav, Dalby, Sweden
Trofast, Jan William, Lund, Sweden
PATENT ASSIGNEE(S): Astra Aktiebolag, Sodertalje, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5972919		19991026
APPLICATION INFO.:	US 1997-944683		19971007 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-317407, filed on 3 Oct 1994, now patented, Pat. No. US 5674860 which is a continuation of Ser. No. US 1992-992089, filed on 17 Dec 1992, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1991-311761	19911218
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Henley, III, Raymond	
LEGAL REPRESENTATIVE:	White & Case L.L.P.	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	340	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L14 ANSWER 6 OF 55 USPATFULL on STN
ACCESSION NUMBER: 1999:113726 USPATFULL
TITLE: Pharmaceutical aerosol containing at least one sugar
INVENTOR(S): Green, Alexander Peter, Ware, United Kingdom
PATENT ASSIGNEE(S): Glaxo Group Limited, United Kingdom (non-U.S.)

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5955439		19990921
	WO 9619968		19960704
APPLICATION INFO.:	US 1997-849538		19970624 (8)
	WO 1995-EP5085		19951222
			19970624 PCT 371 date
			19970624 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1994-26252	19941224
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Cook, Rebecca	
LEGAL REPRESENTATIVE:	Bacon & Thomas PLLC.	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
LINE COUNT:	699	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 21 OF 55 USPATFULL on STN
ACCESSION NUMBER: 1998:36345 USPATFULL
TITLE: Aerosol formulations containing P134a and particulate medicament
INVENTOR(S): Akehurst, Rachel Ann, Ware, Great Britain
Taylor, Anthony James, Ware, Great Britain
Wyatt, David Andrew, Ware, Great Britain
PATENT ASSIGNEE(S): Glaxo Group Limited, London, England (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5736124		19980407
APPLICATION INFO.:	US 1995-453820		19950530 (8)
RELATED APPLN. INFO.:			Continuation of Ser. No. US 1994-328957, filed on 24 Oct 1994, now abandoned which is a continuation of Ser. No. US 1993-94174, filed on 5 Aug 1993, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1991-26444	19911212
	GB 1992-2522	19920206
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bawa, Raj	
LEGAL REPRESENTATIVE:	Bacon & Thomas	
NUMBER OF CLAIMS:	43	
EXEMPLARY CLAIM:	1	
LINE COUNT:	719	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 31 OF 55 USPATFULL on STN
ACCESSION NUMBER: 97:91517 USPATFULL
TITLE: Combination of a bronchodilator and a steroid/anti-inflammatory drug for the treatment of respiratory disorders
INVENTOR(S): Carling, Christer Carl Gustav, Dalby, Sweden
Trofast, Jan William, Lund, Sweden
PATENT ASSIGNEE(S): Astra Aktiebolag, Sodertalje, Sweden (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5674860		19971007
APPLICATION INFO.:	US 1994-317407		19941003 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-992089, filed on 17 Dec 1992, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1991-311761	19911218
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Henley, III, Raymond	
LEGAL REPRESENTATIVE:	White & Case	
NUMBER OF CLAIMS:	36	
EXEMPLARY CLAIM:	1	
LINE COUNT:	385	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> e BANERJEE p/in
'IN' IS NOT A VALID EXPAND FIELD CODE FOR FILE 'RDISCLOSURE'
E1 6 BANERJEE NILOY/IN
E2 1 BANERJEE NITAIDAS 5600 WUPPERTAL DE/IN
E3 0 --> BANERJEE P/IN
E4 11 BANERJEE PALLAB/IN
E5 4 BANERJEE PAPIA T/IN
E6 1 BANERJEE PARAMESWAR/IN
E7 9 BANERJEE PARTHA/IN
E8 10 BANERJEE PARTHA S/IN
E9 1 BANERJEE PAUL/IN
E10 1 BANERJEE PRABUDDHA/IN
E11 13 BANERJEE PRADIP/IN
E12 1 BANERJEE PRADIP K/IN

The indicated field code is not available for EXPAND in this file. To see a list of valid EXPAND field codes, enter HELP SFIELDS at an arrow prompt (>).

=> s e7-e8
'IN' IS NOT A VALID FIELD CODE
L1 19 ("BANERJEE PARTHA"/IN OR "BANERJEE PARTHA S"/IN)

=> s l1 and fermoterol
L2 0 L1 AND FERMOTEROL

=> s l1 and formoterol
L3 8 L1 AND FORMOTEROL

=> d ibib 1-8

L3 ANSWER 1 OF 8 PCTFULL COPYRIGHT 2004 Univentio on STN
ACCESSION NUMBER: 2002083113 PCTFULL ED 20021107 EW 200243
TITLE (ENGLISH): FORMOTEROL/STEROID BRONCHODILATING
COMPOSITIONS AND METHODS OF USE THEREOF
TITLE (FRENCH): COMPOSITIONS BRONCHODILATATRICES A BASE DE
FORMOTEROL ET DE STEROIDE ET METHODES
D'UTILISATION DE CELLES-CI
INVENTOR(S): BANERJEE, Partha, S., 108 Rosario Court, San
Ramon, CA 94583, US [IN, US];
CHAUDRY, Imitiaz, A., 76 Golden Gate Circle, Napa, CA
94558, US [US, US]
PATENT ASSIGNEE(S): DEY, L.P., 2751 Napa Valley Corporate Drive, Napa, CA
94558, US [US, US], for all designates States except
US;
BANERJEE, Partha, S., 108 Rosario Court, San Ramon, CA
94583, US [IN, US], for US only;
CHAUDRY, Imitiaz, A., 76 Golden Gate Circle, Napa, CA
94558, US [US, US], for US only
AGENT: SEIDMAN, Stephanie, L.S., Heller Ehrman White &
McAuliffe LLP, 4350 La Jolla Village Drive, 6th Floor,
San Diego, CA 92122-1246\$, US
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2002083113	A2	20021024

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

RW (ARIPO) : GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (EAPO) : AM AZ BY KG KZ MD RU TJ TM
 RW (EPO) : AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 TR
 RW (OAPI) : BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 APPLICATION INFO. : WO 2002-US6252 A 20020301
 PRIORITY INFO. : US 2001-60/284,607 20010417
 US 2001-09/887,496 20010622 *in slant*

L3 ANSWER 2 OF 8
 ACCESSION NUMBER: PCTFULL COPYRIGHT 2004 Univentio on STN
 2002083079 PCTFULL ED 20021107 EW 200243
 TITLE (ENGLISH): BRONCHODILATING COMPOSITIONS AND METHODS
 TITLE (FRENCH): COMPOSITIONS BRONCHODILATATRICES ET METHODES ASSOCIEES
 INVENTOR(S): BANERJEE, Partha, S., 108 Rosario Court, San
 Ramon, CA 94583, US [IN, US];
 PHAM, Stephen, 7950 Pocket Road, #40, Sacramento, CA
 95831, US [US, US];
 AKAPO, Samuel, O., 293 Shasta Drive, #115, Vacabille,
 CA 95687, US [NG, US];
 CHAUDRY, Imtiaz, A., 76 Golden Gate Circle, Napa, CA
 94558, US [US, US]
 DEY, L.P., 2751 Napa Valley Corporate Drive, Napa, CA
 94558, US [US, US], for all designates States except
 US;
 BANERJEE, Partha, S., 108 Rosario Court, San Ramon, CA
 94583, US [IN, US], for US only;
 PHAM, Stephen, 7950 Pocket Road, #40, Sacramento, CA
 95831, US [US, US], for US only;
 AKAPO, Samuel, O., 293 Shasta Drive, #115, Vacabille,
 CA 95687, US [NG, US], for US only;
 CHAUDRY, Imtiaz, A., 76 Golden Gate Circle, Napa, CA
 94558, US [US, US], for US only
 SEIDMAN, Stephanie, L.S., Heller Ehrman White &
 McAuliffe LLP, 4350 La Jolla Village Drive, 6th floor,
 San Diego, CA 92122-1246\$, US

AGENT: English
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:
 DESIGNATED STATES

NUMBER	KIND	DATE
WO 2002083079	A2	20021024

W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
 MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
 GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 RW (ARIPO) : AM AZ BY KG KZ MD RU TJ TM
 RW (EAPO) : AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 TR
 RW (EPO) : BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 APPLICATION INFO. : WO 2002-US6240 A 20020228
 PRIORITY INFO. : US 2001-60/284,606 20010417
 US 2001-09/887,281 20010622 *patent No. 667,369*

L3 ANSWER 3 OF 8
 ACCESSION NUMBER: USPATFULL on STN
 2004:31793 USPATFULL
 TITLE: Inhalation compositions, methods of use thereof, and
 process for preparation of same
 INVENTOR(S): Banerjee, Partha S., San Ramon, CA, UNITED
 STATES
 Malladi, Ramana R., Hayward, CA, UNITED STATES

PATENT ASSIGNEE(S) : Chaudry, Imtiaz A., Napa, CA, UNITED STATES
Dey, L.P. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004023935	A1	20040205
APPLICATION INFO.:	US 2002-212573	A1	20020802 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	STEPHANIE SEIDMAN, HELLER EHRMAN WHITE & MCAULIFFE LLP, 7TH FL., 4350 LA JOLLA VILLAGE DRIVE, SAN DIEGO, CA, 92122-1246		
NUMBER OF CLAIMS:	108		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1387		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 4 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2003:79099 USPATFULL
TITLE: Formoterol/steroid bronchodilating compositions and methods of use thereof
INVENTOR(S) : Banerjee, Partha S., Davis, CA, UNITED STATES
Chaudry, Imtiaz A., Napa, CA, UNITED STATES
PATENT ASSIGNEE(S) : Dey L.P. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003055026	A1	20030320
APPLICATION INFO.:	US 2001-887496	A1	20010622 (9)
	NUMBER	DATE	<i>Appln. No. 2001-887496</i>
PRIORITY INFORMATION:	US 2001-284607P		20010417 (60)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HELLER EHRMAN WHITE & MCAULIFFE LLP, 4250 EXECUTIVE SQ, 7TH FLOOR, LA JOLLA, CA, 92037		
NUMBER OF CLAIMS:	121		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1661		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 5 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:323127 USPATFULL
TITLE: Formoterol/steroid bronchodilating compositions and methods of use thereof
INVENTOR(S) : Banerjee, Partha S., Davis, CA, UNITED STATES
Chaudry, Imtiaz A., Napa, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002183293	A1	20021205
APPLICATION INFO.:	US 2002-145978	A1	20020513 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-887496, filed on 22 Jun 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-284607P	20010417 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephanie Seidman, Heller Ehrman White & McAuliffe LLP, 7th Floor, 4350 La Jolla Village Drive, San Diego, CA, 92122	

NUMBER OF CLAIMS: 93
EXEMPLARY CLAIM: 1
LINE COUNT: 1551
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:273469 USPATFULL
TITLE: Bronchodilating compositions and methods
INVENTOR(S): Banerjee, Partha S., Davis, CA, UNITED STATES
Pham, Stephen, Sacramento, CA, UNITED STATES
Akapo, Samuel O., Vacaville, CA, UNITED STATES
Chaudry, Imtiaz A., Napa, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002151598	A1	20021017
APPLICATION INFO.:	US 2002-138866	A1	20020503 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-887281, filed on 22 Jun 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-284606P	20010417 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephanie Seidman, Heller Ehrman White & McAuliffe LLP, 7th Floor, 4350 La Jolla Village Drive, San Diego, CA, 92122	
NUMBER OF CLAIMS:	146	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1488	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 7 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2002:273468 USPATFULL
TITLE: Bronchodilating compositions and methods
INVENTOR(S): Banerjee, Partha S., Davis, CA, UNITED STATES
Pham, Stephen, Sacramento, CA, UNITED STATES
Akapo, Samuel O., Vacaville, CA, UNITED STATES
Chaudry, Imtiaz A., Napa, CA, UNITED STATES
PATENT ASSIGNEE(S): Dey L.P. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002151597	A1	20021017
APPLICATION INFO.:	US 6667344	B2	20031223
	US 2001-887281	A1	20010622 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-284606P	20010417 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHANIE L. SEIDMAN, ESQ., HELLER, EHRLMAN, WHITE & MCAULIFFE, LLP, 4350 LA JOLLA VILLAGE DRIVE, 7TH FLOOR, SAN DIEGO, CA, 92122-1246	
NUMBER OF CLAIMS:	99	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1346	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 8 OF 8 USPAT2 on STN
ACCESSION NUMBER: 2002:273468 USPAT2
TITLE: Bronchodilating compositions and methods

INVENTOR(S) :

Banerjee, Partha S., Davis, CA, United States
Pham, Stephen, Sacramento, CA, United States
Akapo, Samuel O., Vacaville, CA, United States
Chaudry, Imtiaz A., Napa, CA, United States

PATENT ASSIGNEE(S) :

Dey, L.P., Napa, CA, United States (U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO.:

NUMBER	KIND	DATE
US 6667344	B2	20031223
US 2001-887281		20010622 (9)

NUMBER **DATE****PRIORITY INFORMATION:**

US 2001-284606P 20010417 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

GRANTED

PRIMARY EXAMINER:

Weddington, Kevin E.

LEGAL REPRESENTATIVE:

Heller Ehrman White & McAuliffe LLP, Seidman,
Stephanie, Rieger, Dale

NUMBER OF CLAIMS:

88

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT:

1475

CAS INDEXING IS AVAILABLE FOR THIS PATENT.